

STUDIES IN THE LIABEAE (ASTERACEAE). XVIII.
A NEW SPECIES OF MUNNOZIA FROM BOLIVIA.

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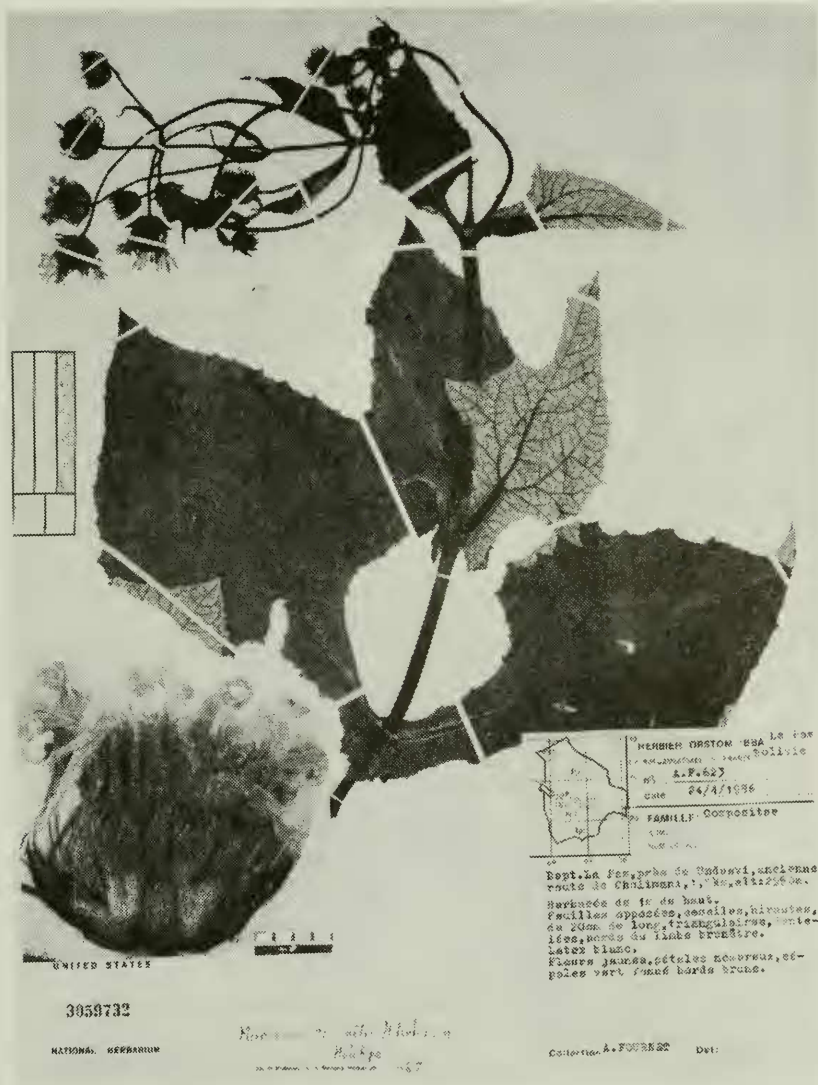
Collections by A. Fournet in Bolivia include two specimens of a previously undescribed species of Munnozia. The species is named here after the collector.

MUNNOZIA FOURNETII H. Robinson, sp. nov.

Plantae herbaceae perennes ca. 1 m altae (?) lactificerae. Caulis hexagonales rufescentes dense breviter hirsuti et stipitate glanduliferi. Folia opposita base late perfoliata, petiolis ad 7 cm longis et in alis ad 2 cm latis; laminae late deltoideae ad 18 cm longae et 15 cm latae base abrupte truncato-hastatae fere ad eadem planam valde trinervatae margine in partibus omniis irregulariter dentatae apice vix vel breviter acuminatae supra viridibus dense tuberculatae et evanescentiter albe arachnoideo-tomentosae subtus dense albo-tomentosae in nervis majoribus fulvo hirsutulae. Inflorescentiae terminales laxae opposito-ramosae; pedunculatae 10-12 cm longae dense brunneo-hirsutae et stipitate glanduliferae. Capitula late campanulata; involucra ca. 1 cm alta et 1.5 cm lata; squamae involucri ca. 25 et ca. 3-seriatae subaequilongae vel in exterioribus longiores lanceolatae ca. 10-12 mm longae et 1-2 mm latae apice attenuatae exteriores extus dense hirsutae et stipitate glanduliferae. Flores radii 30-35; corollae flavae, tubis ca. 4 mm longis pilosulis inferne vix glanduliferae; limbis 11-12 mm longis et ca. 2 mm latis; flores disci ca. 60; corollae flavae ca. 1 cm longae, tubis ca. 6 mm longis pilosulis et sparse glandulo-punctatis, faucibus ca. 2 mm longis anguste campanulatis, lobis ca. 2 mm longis et 0.6 mm latis apice glandulo-punctatae et pauca piluliferis; filamenta in parte superiore ca. 0.2 mm longa; thecae ca. 1.9 mm longae; appendices antherarum ovato-oblongae ca. 0.3 mm longae et 0.17 mm latae; scapi stylorum in partibus superioribus hispidulis ca. 3 mm longi; rami stylorum ca. 1 mm longi. Achaenia ca. 1.5 mm longa 10-costata dense setuliferae; setae pappi longiores ca. 25 plerumque ca. 5 mm longae apice non incrassatae, setae exteriores tenuiores ca. 0.7-1.0 mm longae. Grana pollinis in diametro 33-35 μ m.

TYPE: BOLIVIA: Dept. La Paz: Près de Unduavi, ancienne route de Chulimani, 1.5 km, alt. 2950 m. Herbacée de 1 m de haut. Feuilles opposées, sessiles, hirsutes, de 20 cm de long, triangulaires, dentelées, bords du limbe brunâtre. Latex blanc. Fluers jaunes, pétales nombreux, sépales vert foncé bords bruns. 24/4/1986. A. Fournet 623 (Holotype, US). PARATYPE: BOLIVIA: Dept. La Paz: Yungas, près de Unduavi, 1 km sur vieille route, alt. 2950 m. Herbacée de plus de 1 m de haut avec latex blanc. Feuilles opposées, sessiles, triangulaires, de 25 cm de long, de 15 cm de large, dentelées, hirsutes, vert vif. Tiges hirsutes. Fleurs jaunes en panicules, avec pédoncule de 10-12 cm. 24/4/1986. A. Fournet 616 (US).

The new species is similar to some others known from the Bolivian area, but it is most distinct in the broadly winged petiole of the leaf and in the narrow and glanduliferous involucre bracts. Munnozia gigantea (Rusby) Rusby and M. glandulosa (O.Kuntze) Rusby, which are possibly one species, have narrowly winged petioles and broader involucre bracts bearing whitish tomentum on their outer surfaces. Munnozia trinervia Ruiz & Pavon of southeastern Peru differs from the new species by its more narrowly winged petioles and by the graduated lengths of its narrow involucre bracts.



Munozia fournetii H. Robinson, Holotype. Photos by Victor E. Krantz, Staff Photographer, National Museum of Natural History. Inset showing enlarged head.